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Amendment to the Claims:

1-10. (Cancelled)

11. (Previously Presented) The method as set forth in claim 16 wherein the vapor decontaminant includes hydrogen peroxide vapor.

12. (Cancelled)

13. (Currently Amended) The method as set forth in claim [[12]] 20 further including:

automatically opening and closing baffles at registers between the HVAC ductwork and individual rooms.

14. (Original) The method as set forth in claim 13 further including:
monitoring at least one of temperature, flow velocity, and vapor concentration; and

controlling the opening and closing of the baffles in accordance with the
5 monitoring.

15. (Currently Amended) The method as set forth in claim [[12]] 20 further including:

creating turbulent flow in the ductwork.

16. (Previously Presented) A method of decontaminating buildings comprising:

circulating a vapor decontaminant through HVAC ductwork and associated rooms, the HVAC ductwork including a plurality of independent HVAC
5 ductwork subsystems;

decontaminating HVAC subsystems more remote from a contamination site within the building and progressively decontaminating HVAC subsystems closer to the contamination site.

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17-19. (Cancelled)

20. (Currently Amended) The A method ~~as set forth in claim 12,~~
~~wherein of decontaminating buildings comprising:~~

circulating hydrogen peroxide vapor through HVAC ductwork and
associated rooms, the circulating includes including:

5 circulating the hydrogen peroxide vapor through the
ductwork in one direction,

circulating the hydrogen peroxide vapor through the
ductwork in an opposite direction,

10 alternately circulating the hydrogen peroxide vapor in the
one direction and then the opposite direction through the ductwork,
and

allowing the hydrogen peroxide vapor to dwell in the
ductwork.

21. (Previously Presented) The method as set forth in claim 11,
wherein the ductwork includes a plurality of ducts and the circulating step includes:

circulating the hydrogen peroxide vapor alternately in the one direction
and the opposite direction in each duct of the plurality of the ducts.

22. (Previously Presented) The method as set forth in claim 16, further
including:

5 automatically adjusting baffles located at least one of within the ductwork
and at registers of the ductwork remotely to control the circulating of the
decontaminant vapor.

23. (Previously Presented) The method as set forth in claim 16, further
including:

circulating the vapor contaminant alternately in one direction and then in
an opposite direction through the HVAC subsystems ductwork.

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24. (Previously Presented) The method as set forth in claim 16, further including:

controlling the circulating of the vapor decontaminant to create turbulent flow in the ductwork.

25. (Currently Amended) The method as set forth in claim 16, further including:

stopping the circulating of the vapor decontaminant through the HVAC subsystems ductwork and allowing the ~~hydrogen peroxide~~ vapor to dwell in the
5 ductwork;

recommencing circulation of the vapor decontaminant.

26. (Previously Presented) The method as set forth in claim 25, wherein the vapor decontaminant is circulated in one direction prior to dwelling in the ductwork and circulated in an opposite direction after dwelling in the ductwork.

27. (Currently Amended) The method as set forth in claim ~~[[17]]~~ 31, wherein the temporary baffle is controlled remotely.

28. (Currently Amended) The method as set forth in claim ~~[[17]]~~ 31, wherein the temporary baffle is mounted within the ductwork.

29. (Currently Amended) ~~The A method as set forth in claim 28, further including of decontaminating a contaminated building comprising:~~

installing a plurality of temporary baffles within ~~the~~ ductwork of the building to divide the ductwork into a plurality of HVAC subsystems, some of the
5 subsystems being closer to a decontamination site than other HVAC subsystems;

circulating a vapor decontaminant through HVAC ductwork and associated rooms;

controlling the baffles to control a flow of vapor decontaminant through the HVAC subsystems and associated rooms to decontaminate the HVAC systems

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- 10 and associated rooms which are more remote from the contamination site first, and then progressively decontaminating HVAC subsystems and their associated rooms which are closer to the contamination site.

30. (Previously Presented) The method as set forth in claim 29, further including:

- after decontaminating the HVAC ductwork and the associated rooms, removing the baffles and using the HVAC ductwork to heat/cool the associated
5 rooms.

31. (Currently Amended) ~~The A method as set forth in claim 17, wherein the circulating step includes~~ of decontaminating a contaminated building comprising:

- connecting a temporary baffle with HVAC ductwork of the contaminated
5 building;

alternating circulating the vapor decontaminant in one direction through the HVAC ductwork and then in an opposite direction through the HVAC ductwork;

- controlling the temporary baffle to control a flow of vapor decontaminant from the HVAC ductwork to at least one of rooms and regions of rooms associated
10 with the HVAC ductwork.

32. (Previously Presented) The method as set forth in claim 30, further including:

- intermittently ceasing circulation of the vapor decontaminant through the HVAC ductwork, permitting the vapor decontaminant to dwell in the HVAC
5 ductwork, and then recommencing circulation of the vapor decontaminant through the HVAC ductwork.